IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Redford et al.
Docket No. : TVIN0001
Serial No. : Unassigned
Art Unit: Unassigned
Filed: Herewith
Examiner: Unassigned
Title: HOST DEVICE EQUIPPED WITH MEANS FOR STARTING A PROCESS IN RESPONSE TO DETECTING INSERTION OF A STORAGE MEDIA

May 3, 1999

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

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This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or
(within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

(X) Applicant cites herein those documents listed on the attached PTO 1449 Form. With the exceptions noted below all of the references have been previously cited in the parent application (Serial No. 08/ 601, 936). Accordingly, Applicant has not provided copies of these references as they are readily found in the parent application's file. Applicant provides herewith a copy of U.S. Patent No. 5,642,417 which was not previously. This patent reference is provided without additional comment as it is deemed to be of interest only in showing the technological background of the invention.

Applicant also provides copies of the following non-patent references:

Autorunner-version 2.0, Jon Maxwell, 1991: This document describes a software application that looks for a "key" character within a file comment portion of a file in a computer running the Amiga operating system. When the key character is encountered, the program executes any instructions that follow the key character in the comment portion of the file. Thus, the *Autorunner* program must scan the comments field of each and every file within the storage medium when the storage medium is inserted to find the specific key characters. Only then can the instructions contained within the comment field be executed.

Applicants do not consider this reference to be relevant for the reason that the claimed invention provides a file having a predetermined name. Thus, it is not necessary for the system to open each and every file and inspect a comments field, but rather merely look for a file having a predetermined name. This distinction in the claimed invention provides a substantially more efficient and, therefore, useful approach.

DiskExec V1.20, Grignon and Pinard. Although this document is undated, Applicant is of the opinion that this document predates the filing date of the parent application and should therefore be considered by the Examiner. This document discusses a program that detects the insertion or removal of media into a computer drive and executes a command line in response thereto. For example, the program can be programmed to play a sound when it detects the insertion of a disk into a drive.

This document does not discuss a system in which a specific file on a medium is looked for to determine if an action is to be taken. Rather, the disclosed system merely looks for the insertion of a disk and takes an action upon the insertion of any and all disks into the drive. Accordingly, the document is not considered particularly relevant to the invention as claimed.

Apple Macintosh Operating System, Apple Computer Corporation. Applicant provides herewith a series of screen prints from the Apple Macintosh Operating System. Although undated, it is believed that this feature of the Apple Macintosh operating system predates the filing date of the parent application herein and should therefore be considered by the Examiner.

When the Apple Macintosh operating system is running, a desktop is displayed. When a CD is inserted into a CD reader connected to the computer, the operating system displays an icon identifying the CD, *e.g.* Avid VideoShop. The operating system may also open up the directory on the disk if specified by the disk.

This system provides a preprogrammed response, *i.e.* display of the media icon, upon detection of insertion of a media. The operating system may also display a directory for the media if so instructed. However, the operating system does not search for a predetermined file from which instructions are to be taken with regard to further actions to be performed. Accordingly, this document is only of interest in showing a similar but patentably distinct technology.

( ) under 37 CFR 1.97(c) together with either a:
- ( ) Certification under 37 CFR 1.97(e), or
- ( ) a $220.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97(d) together with a:
- ( ) Certification under 37 CFR 1.97(e), and
- ( ) a $220.00 fee under 37 CFR 1.17(d)(2)(ii), and
- ( ) a $130.00 petition fee set forth in 37 CFR 1.17(i)(1)

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

( ) The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 05-0770 (Order No. TVIN0001). A copy of this sheet is enclosed for accounting purposes.

(X) Applicant(s) submit herewith Form PTO 1449 -- Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.25.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 156(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully Submitted,

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Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

Applicant: Redford et al.
Filing Date Herewith
Group Unknown

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
		1,120,526	7/1968	Ellis			
		2,900,446	8/1959	McLaughlin et al.			
		2,907,824	10/1959	Peek, Jr.			
		3,005,050	10/1961	Koenig, Jr.			
		3,304,612	2/1967	Proctor et al.			
		3,308,253	3/1967	Krakinowski			
		3,470,538	9/1969	Harbaugh			
		3,522,664	8/1970	Lambright et al.			
		3,541,541	11/1970	Engelbart	340	324	
		3,591,718	6/1971	Asame	178	19	
		3,593,115	7/1971	Dym	323	93	
		3,662,105	5/1972	Hurst et al.	178	18	
		3,699,439	10/1972	Turner	324	71 R	
		3,705,956	12/1972	Dertouzos	178	18	
		3,798,370	3/1974	Hurst	178	18	
		3,806,912	4/1974	Eckert	340	347	
		3,885,097	5/1975	Pobgee	178	18	
		3,906,197	9/1975	Grover	235	151	
		3,911,215	10/1975	Hurst et al.	178	18	
		3,959,585	5/1976	Mattes et al.	178	18	
		4,022,971	5/1977	Rodgers	178	19	
		4,071,691	1/1978	Pepper, Jr.	173	19	
		4,079,194	3/1978	Kley	178	18	
		4,102,067	7/1978	Tarrant	40	455	
		4,124,888	11/1978	Washburn	364	200	
		4,126,760	11/1978	Gordon	178	18	
		4,149,029	4/1979	Pobgee	178	18	
		4,208,648	6/1980	Naumann	338	99	
		4,214,122	7/1980	Kley	178	18	
		4,222,188	9/1980	Tarrant et al.	40	152.1	
		4,286,399	9/1981	Funahashi et al.	40	124.1	
		4,289,925	9/1981	Lambden	178	18	
		4,291,303	9/1981	Cutler et al.	340	711	
		4,293,734	10/1981	Pepper, Jr.	178	19	
		4,299,041	11/1981	Wilson	40	124.1	
		4,313,113	1/1982	Thornburg	340	709	
		4,315,238	2/1982	Eventoff	338	99	
		4,319,078	3/1982	Yokoo et al.	178	18	
		4,363,081	12/1982	Wilbur	362	98	
		4,444,998	4/1984	House	178	19	
		4,455,450	6/1984	Margolin	178	18	
		4,484,026	11/1984	Thornburg	178	18	
		4,488,179	12/1984	Krüger et al	358	181	
		4,497,126	2/1985	Dejean	40	124.1	
		4,503,286	3/1985	Kubo et al.			
4,564,079			1/1986	Moore et al.	178	18	

Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	TVIN0001 Applicant: Redford et al. Filing Date Herewith	Unknown Group Unknown

		1,120,526	7/1968	Ellis			
		4,570,149	2/1986	Thornburg et al.	338	114	
		4,581,483	4/1986	Ralston	178	18	
		4,587,378	5/1986	Moore	178	18	
		4,607,747	8/1986	Steiner	206	232	
		4,614,266	9/1986	Moorhead	206	216	
		4,703,573	11/1987	Montgomery et al.	40	455	
		4,716,543	12/1987	Ogawa, et al.			
		4,736,356	4/1988	Konshak	369	772	
		4,739,299	4/1988	Eventoff et al.	338	99	
		4,740,912	4/1998	Whitaker	345	353	
		4,742,485	5/1988	Carlson et al.	395	793	
		4,810,992	3/1989	Eventoff	338	99	
		4,855,725	8/1989	Fernandez	340	706	
		4,866,522	9/1989	Beckley	358	145	
		4,866,865	9/1989	Yang	40	455	
		4,884,974	12/1989	DeSmet	434	317	
		4,897,511	1/1990	Itaya et al.	128	18	
		4,920,432	4/1990	Eggers, et al.			
		4,926,255	5/1990	Von Kohorn	434	323x	
		4,951,249	8/1990	McClung et al.	364	900	
		4,963,702	10/1990	Yaniger et al.	178	18	
		4,963,876	10/1990	Sanders et al.	341	176	
		4,966,285	10/1990	Otake et al.	206	455	
		4,974,085	11/27/90	Campbell et al.	358	181	
		4,990,092	2/1991	Cummings	434	317	
		5,008,497	4/1991	Asher	178	18	
		5,008,662	4/1991	Tokizane, et al.			
		5,053,945	10/1991	Whisler	364	200	
		5,063,698	11/1991	Johnson et al.	40	124.1	
		5,073,931	12/1991	Audebert et al.	380	23	
		5,093,718	3/1992	Hoarty, et al.			
		5,101,490	3/1992	Getson, Jr., et al.			
		5,120,230	6/9/92	Clark et al.	454	307	
		5,132,992	7/1992	Yurt, et al.			
		5,146,353	8/1992	Isoguchi, et al.			
		5,148,419	9/1992	Koguchi	369	32	
		5,188,533	2/1993	Wood	434	169	
		5,189,237	2/1993	Koguchi	84	609	
		5,213,337	5/1993	Sherman	434	307Rx	
		5,233,333	8/1993	Borsuk	434	317x	
		5,233,423	8/1993	Jernigan et al.	358	181	
		5,235,328	8/1993	Hurita	340	825.72	
		5,245,171	9/1993	Fox et al.	235	492	
		5,250,789	10/1993	Johnson	705	14	
		5,257,388	10/1993	Hayamizu	395	800	
		5,275,285	1/1994	Clegg	206	449	
		5,287,224	2/1994	Tsuchiya et al.	360	14.3	
		5,299,181	3/1994	Koguchi	369	32	

Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

TVINUUUI	Unknown
Applicant: Redford et al.	
Filing Date Herewith	Group Unknown

		1,120,526	7/1968	Ellis			
		5,319,455	6/1994	Hoarty, et al.			
		5,335,079	8/2/94	Yuen et al.	358	335	
		5,336,870	8/1994	Hughes, et al.			
		5,363,487	11/1994	Willman, et al.			
		5,377,269	12/1994	Heptig et al.	380	25	
		5,396,546	3/1995	Remillard	379		
		5,419,705	5/1995	Sandvik	434	317	
		5,440,244	8/1995	Richter et al.	326	37	
		5,457,780	10/10/95	Shaw et al.	395	165	
		5,464,092	11/1995	Seeley	206	217	
		5,524,193	6/1996	Covington et al.	707	512	
		5,530,960	6/1996	Parks et al.	395	825	
		5,551,905	9/1996	Billings et al.	446	151	
		5,574,519	11/1996	Manico et al.	396	429	
		5,594,509	1/1997	Florin et al.	348	731	
		5,645,432	7/1997	Jessop			
		5,703,795	12/1997	Mankovitz	363	21	
		5,724,424	3/1998	Gifford	380	24	
		5,759,101	6/1998	Von Kohorn	463	40	
		5,642,417	1/1997	Stringer	380	4	

FOREIGN PATENT DOCUMENTS

		0 222 919 A1	5/1987	Europe		
		61-137797	6/1986	Japan		
		63-213016	9/1988	Japan		
		4-104699	4/1992	Japan		
		1,120,526	7/1997	United Kingdom		

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Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

Applicant: Redford et al.

Filing Date Herewith

Unknown

Group Unknown

Examiner's Initials	Author, Title, Date, Place (e.g. Journal) of Publication
	OTHER ART
	Glaskowsky, P., "PCs Head Toward Appliance Status," Microdesign Resources, Microprocessor Report, 5/6/96, pp. 12-14
	Thompson, M., "Advances in Passive Infrared Sensors Based on Pyroelectric Polymer Films," Presented at the 1991 Sensors Con-ference, Chicago, IL, 10/91, pp. 1-20
	Amp, Summary of Operating Properties: DT1-028K, Appln. Spec. 114-1801, 8/1/93, Rev. A, P/N 0-1004568-0, pp. 1-6
	Amp, Piezo Film Component Design Kits, Cat. 65715, Rev. 9/93, P/N 0-1004566-1, pp. 1-2
	Amp, Piezo Film Sensors, Product Summary and Price List, 8/1/93, Rev. A, P/N 0-1004571-3, pp. 1-4
	Amp, Passive Infrared Module (PIRM), Cat. 65774, 08/93, pp. 1-2
	Amp, PIRL 180-100 Passive Infrared Detector, Cat. 65776, 12/93, pp. 1-2
	Amp, PIRL 180-100 Amplifier Schematic, Instruction Sheet 408-9950, 08/01/93, 1 p.
	Amp, Passive Infrared Sensor Design Tips, Appln. Note 65753, 08/01/93, Rev. A., pp. 1-2.
	Amp, "Standard Products for Many Applications" (piezo film sensors), 6 pp., believed to be prior to 1997.
	Amp, "Create Your Own Sensor, Use this free sample of Piezo Film to demonstrate some of the film's principles," 1 page, believed to be prior to 1997
	Sensory Inc., "RSC-164, Recognition • Synthesis • Control," From the *Interactive Speech*™ Line of Products, © 1995 Sensory Inc., P/N 80-0015-1, 8 pp.
	Sharp, PT460/PT460F/PT461/PT461F/PT465F Double-end Type Phototransistor, pp. 234, 235 and 238, believed to be prior to 1997
	Advertisement for Casio Portable CD Player, Model PZ-830, #410827†, 1 p., believed to be prior to 1997
	GIST, "www.GIST.com.....connecting TV & the Internet," <http://www.the GIST.com/>, Copyright © 1996 GIST Communications, Inc., 12/2/96, pp. 1-3
	Microsoft, "OnNow and ACPI: Introduction and Specifications," <http://www.microsof.../pcfuture/ONNOW.HTM.> © 1996 Microsoft Corporation, 11/22/96, pp. 1-3
	Microsoft, "SIPC: Introduction to Simply Interactive PC," <http://www.microsof...V/pcfuture/sipc.htm> © 1996 Microsoft Corporation, 11/22/96, pp. 1-3

Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	TVIN0001 Applicant: Redford et al. Filing Date Herewith	Unknown Group Unknown

Examiner's Initilas	Author, Title, Date, Place (e.g. Journal) of Publication
	VideoGuide, "Welcome to Video Guide," <http://www.vgi.com/>, Copyright © 1995-1996 VideoGuide Inc., 10/11/96, 16 pp.
	SyQuest, SQ555, SQ51110 and SQ5110C REMOVABLE CARTRIDGE DISK DRIVE, Hardware Installation User's Guide, pp. 3-2 to 3-8
	"Micropad", brochure, Micropad Limited, 1 pg., believed to be published before July 1, 1994
	"Analog Data Tablet", J. F. Hevesi, IBM Technical Disclosure Bulletin, Vol. 23, No. 2, July 1980, 2 pp.
	"Switches", Special Advertising Section, Electronnics, July 12, 1984, 1 p.
	Search Results, Exhibit "A", 37 pp.
	Search Results, Exhibit "B", 48 pp.
	"LaserMouse Receiver Chip", TVI701, TV Interactive Corporation, one page, believed to be prior to July 1, 1994
	"TVIQ™ Remote Control Transmitter", TVI621, TV Interactive Corporation, one page, believed to be prior to July 1, 1994
	"Membrane Switch Products", EECO, Incorporated, 1985, 8 pp.
	"Microsoft Windows Device Driver Kit", Version 3.1, Microsoft Corporation, 1985-1992, 92 pp.
	Busch, D., "PC-MS DOS 4.0 for Hard Disk User", 1989, pp. 27-32 and 141-163
	Rupley, Sebastian, "The Simple PC", Trends, *PC Magazine*, May 28, 1996, p. 31.
	"Resources", *Microprocessor Report*, December 25, 1995, p. 24.
	"Attaching an IBM Dock I or Dock II Expansion Unit", IBM ThinkPad 760E/760ED User's Guide, First Ed. (April 1996), p. 199.
	"CDU33A Double Speed Series, CD-ROM Drive Unit" User's Guide, 12 pages., prior to June 1996.
	Hamm, Steve, "The Full-Figured PC", *PC Week*, prior to June 1996.
	Curran, Lawrence J., "Video Networks Poised for Commercial Service", *EDN*, June 22, 1995, pp. S-20, S-22 and S-23.
	"Literature Watch", *Microprocessor Report*, May 30, 1995, p. 22.
	"Resources", *Microprocessor Report*, July 10, 1995, p. 24.
	"Literature Watch", *Microprocessor Report*, May 6, 1995, p. 24.
	"Manes, Stephen, "Destination Computer/TV Not Ready for Prime Time", *San Jose Mercury News*, May 19, 1996, 1 page.

Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

Applicant: Redford et al.

Filing Date Herewith

Group Unknown

Examiner's Initials	Author, Title, Date, Place (e.g. Journal) of Publication
	"TES3/GES3 Hardware Manual", *norpak corporation*, November 10, 1995, 16 pages.
	"TES3 EIA-516 NABTS Data Broadcast Encoder Software User's Manual", *norpak corporation*, February 14, 1996, 21 pages.
	"DVD Main Specifications", *Philips Electronics N.V.*, 1996, 2 pages.
	"Key Firms Launching Digital Video Disks Reach Licensing Pact", *The Wall Street Journal*, September 16, 1996, p. B7
	Slater, Michael, "Universal Serial Bus to Simplify PC I/O", *Microprocessor Report*, Vol. 9, No. 5, April 17, 1995, pp. 1, 6-9.
	"Developer Network," Microsoft Development Library, Oct. 1994
	"Apple Macintosh Operating System", Apple Computer Corp., Applicant believes this document predates the filing date of the application upon which this application is based.
	"DiskExec V1.20" PostCard-Ware, Grignon and Pinard, Applicant believes this document predates the filing date of the application upon which this application is based.
	"AutoRunner" Jon Maxwell, 1991

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